L Number	Hits	Search Text	DB	Time stamp
-	1737	bond adj site	USPAT;	2003/12/17 09:2
		, in the second	US-PGPUB	
-	549161	bond bonded	USPAT;	2003/12/17 09:3
			US-PGPUB	
-	354943	composite laminate	USPAT;	2003/12/17 09:3
			US-PGPUB	
-	1451150	width thickness	USPAT;	2003/12/17 09:3
	4		US-PGPUB	
-	40769	aspect adj ratio	USPAT;	2003/12/17 09:3
			US-PGPUB	
-	126127	(composite laminate) and ((bond adj site) (bond bonded))	USPAT;	2003/12/17 09:3
1	*		US-PGPUB	
-	549161	bond adj site) (bond bonded	USPAT;	2003/12/17 09:3
	00/5/0		US-PGPUB	
-	906560	interior filling void	USPAT;	2003/12/17 09:3
	154136	420 1 442 1	US-PGPUB	
-	154136	428.clas. 442.clas.	USPAT;	2003/12/17 09:3
	7470	//L 1 1: 1 \/ L 11 1 1 1 1 1 1 1 1	US-PGPUB	
-	7472	((bond adj site) (bond bonded)) near3 ((width thickness))	USPAT;	2003/12/17 10:3
_	7504	(((hand adicita) (hand handad)) ==================================	US-PGPUB	2002/12/20
-	7304	(((bond adj site) (bond bonded)) near3 ((width thickness))) (((bond adj site) (bond bonded)) near3 ((aspect adj ratio)))	USPAT;	2003/12/17 10:5
_	5604		US-PGPUB	2002/12/17 12
-	3004	((((bond adj site) (bond bonded)) near3 ((width thickness))) (((bond adj site) (bond	USPAT;	2003/12/17 10:3
	48	bonded)) near3 ((aspect adj ratio)))) and @ad<19991221	US-PGPUB	2002/12/17 12
"	40	((bond adj site) (bond bonded)) near3 ((aspect adj ratio))	USPAT;	2003/12/17 10:5
_	37	("3684647" "3700544" "3725192" "3920874" "4019311" "4051287"	US-PGPUB	2002/12/17 12
-	3/	"3/00344" "3/25192" "39208/4" "4019311" "405128/" "4109038" "4157419" "4173678" "4233355" "4350006"	USPAT	2003/12/17 10:4
		4107030 4137419 4173070 "4233333" "4330000" 44606409		
		"4460649" "4517715" "4520066" "4588630" "4818587" "5108820"		
		"5144729" "5164262" "5369858" "5395693" "5456982"		
	İ	"5534339" "5549777" "5567501" "5575874" "5626571" "5628097"		
	ļ	"5633082" "5643240" "5656119" "5658639" "5669798" '		
	1770	"5688582" "5804286" "5858504" "5997989").PN.	I ion i ==	2002 (55 (55
-	1770	((((bond adj site) (bond bonded)) near3 ((width thickness))) (((bond adj site) (bond	USPAT;	2003/12/17 10:5
	202	bonded)) near3 ((aspect adj ratio)))) and (428.clas. 442.clas.)	US-PGPUB	2002 (55 (55
-	292	((bond adj site) (bond bonded)) with ((aspect adj ratio))	USPAT;	2003/12/17 10:5
	7777	///handadida//handhanddy	US-PGPUB	2002/55/55
-	7727	(((bond adj site) (bond bonded)) near3 ((width thickness))) (((bond adj site) (bond bonded)) with ((aspect adj ratio)))	USPAT;	2003/12/17 10:5
1	4769		US-PGPUB	2000 ((
-	4/69	((((bond adj site) (bond bonded)) near3 ((width thickness))) (((bond adj site) (bond	USPAT;	2003/12/17 10:5
	}	bonded)) with ((aspect adj ratio)))) and (nonwoven non?woven fabric textile woven film knit)	US-PGPUB	
	194	· ·· · · · · · · · · · · · · · · · · ·	T IGD + C	2002/52/5= 55 =
-	174	(((bond adj site) (bond bonded)) with ((aspect adj ratio))) and (((((bond adj site)	USPAT;	2003/12/17 10:5
		(bond bonded)) near3 ((width thickness))) (((bond adj site) (bond bonded)) with	US-PGPUB	
ļ	4604	((aspect adj ratio)))) and (nonwoven non?woven fabric textile woven film knit))	I IOD I E	2002/45/5=5
-	4604	(((bond adj site) (bond bonded)) near3 ((width thickness))) and (nonwoven	USPAT;	2003/12/17 11:0
,		non?woven fabric textile woven film knit)	US-PGPUB	2002/15/5-5
ŀ	(50	////L1_1_5_N/L111_N	T 1000	こうひひつ ノチラフチラ チェム
-	650	((((bond adj site) (bond bonded)) near3 ((width thickness))) and (nonwoven	USPAT;	2003/12/17 11:0
-		non?woven fabric textile woven film knit)) and aperture	US-PGPUB	
-	650 438	non?woven fabric textile woven film knit)) and aperture (((((bond adj site) (bond bonded)) near3 ((width thickness))) (((bond adj site) (bond	US-PGPUB USPAT;	
-		non?woven fabric textile woven film knit)) and aperture (((((bond adj site) (bond bonded)) near3 ((width thickness))) (((bond adj site) (bond bonded)) near3 ((aspect adj ratio)))) and @ad<19991221) and (((((bond adj site)	US-PGPUB	
-		non?woven fabric textile woven film knit)) and aperture (((((bond adj site) (bond bonded)) near3 ((width thickness))) (((bond adj site) (bond bonded)) near3 ((aspect adj ratio)))) and @ad<19991221) and (((((bond adj site) (bond bonded)) near3 ((width thickness))) and (nonwoven non?woven fabric textile	US-PGPUB USPAT;	
-	438	non?woven fabric textile woven film knit)) and aperture (((((bond adj site) (bond bonded)) near3 ((width thickness))) (((bond adj site) (bond bonded)) near3 ((aspect adj ratio)))) and @ad<19991221) and (((((bond adj site) (bond bonded)) near3 ((width thickness))) and (nonwoven non?woven fabric textile woven film knit)) and aperture)	US-PGPUB USPAT; US-PGPUB	2003/12/17 11:0
		non?woven fabric textile woven film knit)) and aperture (((((bond adj site) (bond bonded)) near3 ((width thickness))) (((bond adj site) (bond bonded)) near3 ((aspect adj ratio)))) and (ad<19991221) and (((((bond adj site) (bond bonded)) near3 ((width thickness))) and (nonwoven non?woven fabric textile woven film knit)) and aperture) (interior filling void) and ((((((bond adj site) (bond bonded)) near3 ((width	US-PGPUB USPAT; US-PGPUB USPAT;	2003/12/17 11:0
	438	non?woven fabric textile woven film knit)) and aperture (((((bond adj site) (bond bonded)) near3 ((width thickness))) (((bond adj site) (bond bonded)) near3 ((aspect adj ratio)))) and (ad<19991221) and (((((bond adj site) (bond bonded)) near3 ((width thickness))) and (nonwoven non?woven fabric textile woven film knit)) and aperture) (interior filling void) and ((((((bond adj site) (bond bonded)) near3 ((width thickness)))) (((bond adj site) (bond bonded)) near3 ((aspect adj ratio)))) and	US-PGPUB USPAT; US-PGPUB	2003/12/17 11:0
	438	non?woven fabric textile woven film knit)) and aperture (((((bond adj site) (bond bonded)) near3 ((width thickness))) (((bond adj site) (bond bonded)) near3 ((aspect adj ratio)))) and (ad<19991221) and (((((bond adj site) (bond bonded)) near3 ((width thickness))) and (nonwoven non?woven fabric textile woven film knit)) and aperture) (interior filling void) and ((((((bond adj site) (bond bonded)) near3 ((width thickness)))) (((bond adj site) (bond bonded)) near3 ((width thickness)))) and (((((bond adj site) (bond bonded)) near3 ((width thickness))))	US-PGPUB USPAT; US-PGPUB USPAT;	2003/12/17 11:0
	240	non?woven fabric textile woven film knit)) and aperture (((((bond adj site) (bond bonded)) near3 ((width thickness))) (((bond adj site) (bond bonded)) near3 ((aspect adj ratio)))) and (ad<19991221) and (((((bond adj site) (bond bonded)) near3 ((width thickness))) and (nonwoven non?woven fabric textile woven film knit)) and aperture) (interior filling void) and (((((bond adj site) (bond bonded)) near3 ((width thickness))) (((bond adj site) (bond bonded)) near3 ((width thickness))) and ((((bond adj site) (bond bonded)) near3 ((width thickness))) and (nonwoven non?woven fabric textile woven film knit)) and aperture))	US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB	2003/12/17 11:0 2003/12/17 11:1
-	438	non?woven fabric textile woven film knit)) and aperture (((((bond adj site) (bond bonded)) near3 ((width thickness))) (((bond adj site) (bond bonded)) near3 ((aspect adj ratio)))) and (ad<19991221) and (((((bond adj site) (bond bonded)) near3 ((width thickness))) and (nonwoven non?woven fabric textile woven film knit)) and aperture) (interior filling void) and ((((((bond adj site) (bond bonded)) near3 ((width thickness)))) (((bond adj site) (bond bonded)) near3 ((width thickness)))) and (((((bond adj site) (bond bonded)) near3 ((width thickness))))	US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT;	2003/12/17 11:0 2003/12/17 11:1
-	438 240 987	non?woven fabric textile woven film knit)) and aperture (((((bond adj site) (bond bonded)) near3 ((width thickness))) (((bond adj site) (bond bonded)) near3 ((aspect adj ratio)))) and (ad<19991221) and (((((bond adj site) (bond bonded)) near3 ((width thickness))) and (nonwoven non?woven fabric textile woven film knit)) and aperture) (interior filling void) and ((((((bond adj site) (bond bonded)) near3 ((width thickness))) (((bond adj site) (bond bonded)) near3 ((width thickness)))) and (ad<19991221) and (((((bond adj site) (bond bonded)) near3 ((width thickness))) and (nonwoven non?woven fabric textile woven film knit)) and aperture)) (239/34,53,55-57).CCLS.	US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB	2003/12/17 11:0 2003/12/17 11:1 2003/12/17 11:1
-	240	non?woven fabric textile woven film knit)) and aperture (((((bond adj site) (bond bonded)) near3 ((width thickness))) (((bond adj site) (bond bonded)) near3 ((aspect adj ratio)))) and (ad<19991221) and (((((bond adj site) (bond bonded)) near3 ((width thickness))) and (nonwoven non?woven fabric textile woven film knit)) and aperture) (interior filling void) and (((((bond adj site) (bond bonded)) near3 ((width thickness))) (((bond adj site) (bond bonded)) near3 ((width thickness))) and ((((bond adj site) (bond bonded)) near3 ((width thickness))) and (nonwoven non?woven fabric textile woven film knit)) and aperture))	US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT;	2003/12/17 11:0 2003/12/17 11:1 2003/12/17 11:1
-	438 240 987 2639	non?woven fabric textile woven film knit)) and aperture (((((bond adj site) (bond bonded)) near3 ((width thickness))) (((bond adj site) (bond bonded)) near3 ((aspect adj ratio)))) and (ad<19991221) and (((((bond adj site) (bond bonded)) near3 ((width thickness))) and (nonwoven non?woven fabric textile woven film knit)) and aperture) (interior filling void) and ((((((bond adj site) (bond bonded)) near3 ((width thickness))) (((bond adj site) (bond bonded)) near3 ((width thickness)))) and ((((bond adj site) (bond bonded)) near3 ((width thickness))) and (nonwoven non?woven fabric textile woven film knit)) and aperture)) (239/34,53,55-57).CCLS.	US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB	2003/12/17 11:0 2003/12/17 11:1 2003/12/17 11:1
	438 240 987	non?woven fabric textile woven film knit)) and aperture (((((bond adj site) (bond bonded)) near3 ((width thickness))) (((bond adj site) (bond bonded)) near3 ((aspect adj ratio)))) and (ad<19991221) and (((((bond adj site) (bond bonded)) near3 ((width thickness))) and (nonwoven non?woven fabric textile woven film knit)) and aperture) (interior filling void) and ((((((bond adj site) (bond bonded)) near3 ((width thickness))) (((bond adj site) (bond bonded)) near3 ((width thickness)))) and (ad<19991221) and (((((bond adj site) (bond bonded)) near3 ((width thickness))) and (nonwoven non?woven fabric textile woven film knit)) and aperture)) (239/34,53,55-57).CCLS.	US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT;	2003/12/17 11:0 2003/12/17 11:1 2003/12/17 11:1 2003/12/17 11:1
	438 240 987 2639	non?woven fabric textile woven film knit)) and aperture (((((bond adj site) (bond bonded)) near3 ((width thickness))) (((bond adj site) (bond bonded)) near3 ((aspect adj ratio)))) and (ad<19991221) and (((((bond adj site) (bond bonded)) near3 ((width thickness))) and (nonwoven non?woven fabric textile woven film knit)) and aperture) (interior filling void) and ((((((bond adj site) (bond bonded)) near3 ((width thickness))) (((bond adj site) (bond bonded)) near3 ((width thickness)))) and (ad<19991221) and (((((bond adj site) (bond bonded)) near3 ((width thickness))) and (nonwoven non?woven fabric textile woven film knit)) and aperture)) (239/34,53,55-57).CCLS. (428/68-76).CCLS.	US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB	2003/12/17 11:0 2003/12/17 11:1 2003/12/17 11:1 2003/12/17 11:1
	438 240 987 2639	non?woven fabric textile woven film knit)) and aperture (((((bond adj site) (bond bonded)) near3 ((width thickness))) (((bond adj site) (bond bonded)) near3 ((aspect adj ratio)))) and (ad<19991221) and (((((bond adj site) (bond bonded)) near3 ((width thickness))) and (nonwoven non?woven fabric textile woven film knit)) and aperture) (interior filling void) and ((((((bond adj site) (bond bonded)) near3 ((width thickness))) (((bond adj site) (bond bonded)) near3 ((width thickness)))) and ((((bond adj site) (bond bonded)) near3 ((width thickness))) and (nonwoven non?woven fabric textile woven film knit)) and aperture)) (239/34,53,55-57).CCLS.	US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT;	2003/12/17 11:0 2003/12/17 11:1 2003/12/17 11:1 2003/12/17 11:1 2003/12/17 11:1
	438 240 987 2639 3617 1220	non?woven fabric textile woven film knit)) and aperture (((((bond adj site) (bond bonded)) near3 ((width thickness))) (((bond adj site) (bond bonded)) near3 ((aspect adj ratio)))) and (ad<19991221) and (((((bond adj site) (bond bonded)) near3 ((width thickness))) and (nonwoven non?woven fabric textile woven film knit)) and aperture) (interior filling void) and ((((((bond adj site) (bond bonded)) near3 ((width thickness))) (((bond adj site) (bond bonded)) near3 ((width thickness)))) and (((((bond adj site) (bond bonded)) near3 ((width thickness)))) and (nonwoven non?woven fabric textile woven film knit)) and aperture)) (239/34,53,55-57).CCLS. ((239/34,53,55-57).CCLS.) ((428/68-76).CCLS.) (((239/34,53,55-57).CCLS.) ((428/68-76).CCLS.)) and ((bond adj site) (bond bonded))	US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB	2003/12/17 11:0 2003/12/17 11:1 2003/12/17 11:1 2003/12/17 11:1 2003/12/17 11:1
	438 240 987 2639 3617 1220	non?woven fabric textile woven film knit)) and aperture (((((bond adj site) (bond bonded)) near3 ((width thickness))) (((bond adj site) (bond bonded)) near3 ((aspect adj ratio)))) and (ad<19991221) and (((((bond adj site) (bond bonded)) near3 ((width thickness))) and (nonwoven non?woven fabric textile woven film knit)) and aperture) (interior filling void) and ((((((bond adj site) (bond bonded)) near3 ((width thickness)))) (((bond adj site) (bond bonded)) near3 ((width thickness)))) and (((((bond adj site) (bond bonded)) near3 ((width thickness)))) and (nonwoven non?woven fabric textile woven film knit)) and aperture)) (239/34,53,55-57).CCLS. ((239/34,53,55-57).CCLS.) ((428/68-76).CCLS.) (((239/34,53,55-57).CCLS.) ((428/68-76).CCLS.)) and ((bond adj site) (bond	US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT;	2003/12/17 11:0 2003/12/17 11:0 2003/12/17 11:1 2003/12/17 11:1 2003/12/17 11:1 2003/12/17 11:1 2003/12/17 11:1

-	432	((((((239/34,53,55-57).CCLS.) ((428/68-76).CCLS.)) and ((bond adj site) (bond	USPAT;	2003/12/17 11:19
		bonded))) and (composite laminate)) and (interior filling void)	US-PGPUB	
_	43	(((239/34,53,55-57).CCLS.) ((428/68-76).CCLS.)) and (aspect adj ratio)	USPAT;	2003/12/17 11:19
			US-PGPUB	
_	370	(((239/34,53,55-57).CCLS.) ((428/68-76).CCLS.)) and aperture	USPAT;	2003/12/17 11:21
			US-PGPUB	
_	139	(((((239/34,53,55-57).CCLS.) ((428/68-76).CCLS.)) and ((bond adj site) (bond	USPAT;	2003/12/17 11:22
		bonded))) and aperture	US-PGPUB	